



SCIENTIFIC RESEARCH LABORATORY

Recognised By Ministry of Environment & Forest, Govt. of India

Recognised By West Bengal Pollution Control Board

Analytical & Environmental Engineering Laboratory

90, Lake East (4th Road) Santoshpur, Jadavpur, Kolkata-700075

Tele Fax: 033 2416 2267. Tel: 033 2416 1311, Web: www.scientificlab.org, E-mail: jyotirmoysrl@gmail.com

Annexure: II – 1/3

DETAILS OF DRINKING WATER SAMPLE

[Format No. : SRL / FM / 49]

Customer Name & Address : **Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road, Dist.-Howrah**
Sampling Location : Tubewell Water Near Adm. Building

TEST REPORT OF DRINKING WATER [CHEMICAL]

Sl. No.	Characteristics	Results		
		09.02.2012	23.04.2012	07.06.2012
1.	Date of Sampling	09.02.2012	23.04.2012	07.06.2012
2.	Colour, Hazen Units, Max	<5.00	<5.00	<5
3.	Odour	Unobjectionable	Unobjectionable	Unobjectionable
4.	Taste	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU, Max	4.00	<1.00	5.00
6.	pH Value	7.98	7.47	7.73
7.	Total Hardness (as CaCO ₃), mg/L, Max	287.10	163.20	249.60
8.	Iron (as Fe), mg/L, Max	1.09	0.14	0.68
9.	Chloride (as Cl), mg/L, Max	264.20	219.40	224.20
10.	Fluoride (as F), mg/L, Max	0.76	0.57	0.39
11.	Dissolved Solids mg/L, Max	858.00	748.00	688.00
12.	Calcium (as Ca), mg/L, Max	68.40	36.60	53.90
13.	Magnesium (as Mg), mg/L, Max	28.30	17.50	28.00
14.	Copper (as Cu), mg/L, Max	0.026	<0.025	<0.025
15.	Manganese (as Mn), mg/L, Max	0.098	0.111	0.125
16.	Sulphate (as SO ₄), mg/L, Max	6.80	9.00	9.50
17.	Nitrate (NO ₃), mg/L, Max	<0.50	1.91	<0.50
18.	Mercury (as Hg), mg/L, Max	<0.001	<0.001	<0.001
19.	Cadmium (as Cd), mg/L, Max	<0.01	<0.01	<0.01
20.	Arsenic (as As), mg/L, Max	<0.01	<0.01	<0.01
21.	Lead (as Pb), mg/L, Max	<0.05	<0.05	<0.05
22.	Chromium (as Cr ⁶⁺), mg/L, Max	<0.01	<0.01	<0.01
23.	Zinc (as Zn), mg/L, Max	0.029	0.019	<0.01
24.	Total Alkalinity (CaCO ₃), mg/L, Max	376.00	385.70	397.90
25.	Mineral Oil, mg/L, Max	<0.10	<0.10	<1.00

For **Scientific Research Laboratory**

Dr. Jyotirmoy Majumdar
(Chief Executive)

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- Results relate only to the parameters tested.
- No Repeat Analysis will be entertained after 15 days from the date of sampling.



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Customer Name & Address : **Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road
Dist.-Howrah**

Sampling Location : Tubewell Water Near Adm. Building

TEST REPORT OF DRINKING WATER [BACTERIOLOGICAL]

Sl. No.	Characteristics	Results		
01	Date of Sampling	09.02.2012	23.04.2012	07.06.2012
02	Total Coliform Count, MPN/100 mL	--	5.10	>23
03	Fecal Coliform, MPN/100 mL	Absent	<1.10	6.9

For **Scientific Research Laboratory**

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Annexure: II – 2/3

DETAILS OF DRINKING WATER SAMPLE

[Format No. : SRL / FM / 49]

Customer Name & Address : Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihat, Amta Road, Dist.-Howrah
Sampling Location : CMAT Office Pantry Room

TEST REPORT OF DRINKING WATER [CHEMICAL]

Sl. No.	Characteristics	Results		
1.	Date of Sampling	09.02.2012	23.04.2012	07.06.2012
2.	Colour, Hazen Units, Max	<5.00	<5.00	<5
3.	Odour	Unobjectionable	Unobjectionable	Unobjectionable
4.	Taste	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU, Max	1.00	3.00	<1.00
6.	pH Value	8.27	7.50	8.26
7.	Total Hardness (as CaCO ₃), mg/L, Max	77.60	268.80	180.50
8.	Iron (as Fe), mg/L, Max	<0.10	0.14	<0.10
9.	Chloride (as Cl), mg/L, Max	46.30	318.20	58.80
10.	Fluoride (as F), mg/L, Max	0.53	0.63	0.15
11.	Dissolved Solids mg/L, Max	262.00	952.00	312.00
12.	Calcium (as Ca), mg/L, Max	25.70	69.30	43.10
13.	Magnesium (as Mg), mg/L, Max	3.30	23.30	17.70
14.	Copper (as Cu), mg/L, Max	<0.025	<0.025	<0.025
15.	Manganese (as Mn), mg/L, Max	<0.05	0.205	<0.05
16.	Sulphate (as SO ₄), mg/L, Max	<5.00	15.00	10.30
17.	Nitrate (NO ₃), mg/L, Max	<0.50	1.98	1.05
18.	Mercury (as Hg), mg/L, Max	<0.001	<0.001	<0.001
19.	Cadmium (as Cd), mg/L, Max	<0.01	<0.01	<0.01
20.	Arsenic (as As), mg/L, Max	<0.01	<0.01	<0.01
21.	Lead (as Pb), mg/L, Max	<0.05	<0.05	<0.05
22.	Chromium (as Cr ⁶⁺), mg/L, Max	<0.01	<0.01	<0.01
23.	Zinc (as Zn), mg/L, Max	0.077	0.825	0.34
24.	Total Alkalinity (CaCO ₃), mg/L, Max	352.00	406.00	366.50
25.	Mineral Oil, mg/L, Max	<0.10	<0.10	<0.10

For Scientific Research Laboratory

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(Chief Executive)

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Annexure: II – 2/3

DETAILS OF DRINKING WATER SAMPLE

[Format No. : SRL / FM / 49]

Customer Name & Address : **Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihati, Amta Road
Dist.-Howrah**

Sampling Location : **CMAT Office Pantry Room**

TEST REPORT OF DRINKING WATER [BACTERIOLOGICAL]

Sl. No.	Characteristics	Results		
		DW-113 – 2012, Dt. 09.02.2012	DW-518 – 2012, Dt. 23.04.2012	DW-668-2012, Dt. 07.06.2012
01	Date of Sampling	09.02.2012	23.04.2012	07.06.2012
02	Total Coliform Count, MPN/100 mL	--	--	>23
03	Fecal Coliform, MPN/100 mL	Absent	Absent	>23

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Annexure: II – 3/3

DETAILS OF DRINKING WATER SAMPLE

[Format No. : SRL / FM / 49]

Customer Name & Address : Foundry Cluster Development Association, Foundry Park,
Houli Bagan, Ranihat, Amta Road
Dist.-Howrah

Sampling Location : NACTTI Pantry Room

TEST REPORT OF DRINKING WATER [CHEMICAL]

Sl. No.	Characteristics	Results		
		DW-114 – 2012, Dt.09.02.2012	DW-519 – 2012, Dt. 23.04.2012	DW-669-2012, Dt. 07.06.2012
1.	Date of Sampling	09.02.2012	23.04.2012	07.06.2012
2.	Colour, Hazen Units, Max	<5.00	<5.00	<5
3.	Odour	Unobjectionable	Unobjectionable	Unobjectionable
4.	Taste	Agreeable	Agreeable	Agreeable
5.	Turbidity, NTU, Max	2.40	<1.00	3.60
6.	pH Value	8.40	7.89	7.54
7.	Total Hardness (as CaCO ₃), mg/L, Max	244.40	172.80	268.80
8.	Iron (as Fe), mg/L, Max	0.34	<0.10	0.23
9.	Chloride (as Cl), mg/L, Max	244.90	56.90	323.00
10.	Fluoride (as F), mg/L, Max	0.88	0.35	0.47
11.	Dissolved Solids mg/L, Max	826.00	426.00	820.00
12.	Calcium (as Ca), mg/L, Max	48.20	34.60	55.80
13.	Magnesium (as Mg), mg/L, Max	30.20	21.00	31.50
14.	Copper (as Cu), mg/L, Max	<0.025	<0.025	<0.025
15.	Manganese (as Mn), mg/L, Max	0.192	<0.05	<0.05
16.	Sulphate (as SO ₄), mg/L, Max	13.00	<5.00	13.00
17.	Nitrate (NO ₃), mg/L, Max	<0.50	1.52	1.39
18.	Mercury (as Hg), mg/L, Max	<0.001	<0.001	<0.001
19.	Cadmium (as Cd), mg/L, Max	<0.01	<0.01	<0.01
20.	Arsenic (as As), mg/L, Max	<0.01	<0.01	<0.01
21.	Lead (as Pb), mg/L, Max	<0.05	<0.05	<0.05
22.	Chromium (as Cr ⁶⁺), mg/L, Max	<0.01	<0.01	<0.01
23.	Zinc (as Zn), mg/L, Max	0.560	0.080	0.68
24.	Total Alkalinity (CaCO ₃), mg/L, Max	416.00	357.30	415.50
25.	Mineral Oil, mg/L, Max	<0.10	<0.10	<1.00

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Dist.-Howrah**

Sampling Location : NACTTI Pantry Room

TEST REPORT OF DRINKING WATER [BACTERIOLOGICAL]

Sl. No.	Characteristics	Results		
		09.02.2012	23.04.2012	07.06.2012
01	Date of Sampling	09.02.2012	23.04.2012	07.06.2012
02	Total Coliform Count, MPN/100 mL	--	--	>23
03	Fecal Coliform, MPN/100 mL	Absent	Absent	>23

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